

FORM 5	MDEQ	MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY APPLICATION FOR AIR POLLUTION CONTROL PERMIT			
Coating, Solvent Usage, and/or Degreasing			Section F		
1. Emission Point Description					
<p><i>Note: Use this section for emission sources of volatile organic compounds (VOC's), including spray booths, painting, degreasing, finishing, gluing, and solvent usage.</i></p> <p>A. Emission Point Description (Ref. No.): _____</p> <p>B. Process Description (<i>Indicate number of identical processes – booths, dip tanks, degreasing tanks, finishing lines, etc.</i>)</p> <p>C. Manufacturer: _____ D. Model: _____</p> <p>E. Status: <input type="checkbox"/> Operating <input type="checkbox"/> Proposed <input type="checkbox"/> Under construction</p> <p>F. Operating Schedule (Actual): _____ hours/day _____ days/week _____ weeks/yr</p> <p>G. Date of construction, reconstruction, or most recent modification (for existing sources) or date of anticipated construction: _____</p>					
2. Coating (MACT Category, if applicable)					
<table style="width: 100%; border: none;"> <tr> <td style="vertical-align: top; width: 50%;"> <p>A. <input type="checkbox"/> Auto or Light-duty Truck Coating</p> <p> <input type="checkbox"/> Magnetic Tape Coating</p> <p> <input type="checkbox"/> Metal Coil Coating</p> <p> <input type="checkbox"/> Miscellaneous Metal Parts and Products</p> <p> <input type="checkbox"/> Paint Stripping/Miscellaneous Surface Coating</p> <p> <input type="checkbox"/> Printing and Publishing Surface Coating</p> <p> <input type="checkbox"/> Wood Building Products Coating</p> <p> <input type="checkbox"/> Other: _____</p> </td> <td style="vertical-align: top; width: 50%;"> <p><input type="checkbox"/> Large Appliance Coating</p> <p><input type="checkbox"/> Metal Can Coating</p> <p><input type="checkbox"/> Metal Furniture Coating</p> <p><input type="checkbox"/> Paper and Other Web Coating</p> <p><input type="checkbox"/> Plastic Parts Coating</p> <p><input type="checkbox"/> Shipbuilding & Ship Repair</p> <p><input type="checkbox"/> Wood Furniture Coating</p> </td> </tr> </table> <p>B. Describe Articles Coated: _____</p> <p>C. Number of Bake Ovens: _____</p> <p>D. Type of Oven: <input type="checkbox"/> Steam <input type="checkbox"/> Direct-Fired <input type="checkbox"/> Electric <input type="checkbox"/> Other: _____</p> <p>E. For Direct-Fired Ovens: Heat Input: _____ MMBtu/hr Fuel Type: _____</p>				<p>A. <input type="checkbox"/> Auto or Light-duty Truck Coating</p> <p> <input type="checkbox"/> Magnetic Tape Coating</p> <p> <input type="checkbox"/> Metal Coil Coating</p> <p> <input type="checkbox"/> Miscellaneous Metal Parts and Products</p> <p> <input type="checkbox"/> Paint Stripping/Miscellaneous Surface Coating</p> <p> <input type="checkbox"/> Printing and Publishing Surface Coating</p> <p> <input type="checkbox"/> Wood Building Products Coating</p> <p> <input type="checkbox"/> Other: _____</p>	<p><input type="checkbox"/> Large Appliance Coating</p> <p><input type="checkbox"/> Metal Can Coating</p> <p><input type="checkbox"/> Metal Furniture Coating</p> <p><input type="checkbox"/> Paper and Other Web Coating</p> <p><input type="checkbox"/> Plastic Parts Coating</p> <p><input type="checkbox"/> Shipbuilding & Ship Repair</p> <p><input type="checkbox"/> Wood Furniture Coating</p>
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3. Spray Booth		
<p>A. Dimensions: 1. Width: _____ feet 2. Height: _____ feet 3. Depth: _____ feet 4. # Open Sides: _____</p> <p>B. Method of Spray: <input type="checkbox"/> Airless <input type="checkbox"/> Air Atomize <input type="checkbox"/> Electrostatic <input type="checkbox"/> Other: _____</p> <p>C. Overspray: _____ %</p> <p>D. Exhaust Fan Data: 1. No. of Fans: _____ 2. Total Power: _____ hp 3. Total Flow: _____ cfm</p> <p>E. Exhaust Control <i>(if controlled, complete the appropriate Air Pollution Control Data Sheet in Section L)</i>:</p> <p>1. Type of Exhaust Control: <input type="checkbox"/> None <input type="checkbox"/> Waterwash <input type="checkbox"/> Adsorption <input type="checkbox"/> Incineration <input type="checkbox"/> Baffles <input type="checkbox"/> Dry Filter <input type="checkbox"/> Other: _____</p> <p>2. Control Efficiency: Particulate (PM): _____ % VOC: _____ %</p> <p>3. Exhaust Stack Data: Diameter: _____ feet Height: _____ feet Flow: _____ acfm</p>		
4. Degreasing		
<p>A. Describe articles degreased <i>(Include surface area of parts degreased in square feet per hour (ft²/hr) and square feet per year (ft²/yr).</i></p> <p>B. Type of degreasing: <input type="checkbox"/> Cold Solvent # of Units: _____ <input type="checkbox"/> Vapor – Oven top conveyor # of Units: _____ <input type="checkbox"/> Vapor – Conveyorized non-boiling # of Units: _____ <input type="checkbox"/> Vapor – Conveyorized vapor # of Units: _____ <input type="checkbox"/> Vapor – Other: _____ # of Units: _____</p> <p>C. Tank Dimensions: Length: _____ feet Height: _____ feet Width: _____ feet</p>		
5. Process Limitations		
Describe any limitations (“bottlenecks”) that restrict the operations, excluding regular maintenance, scheduled, downtime, etc.		

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Section F

8. Storage and Handling Methods

Describe the storage and handling methods used for those products listed in Sections F.7 and F.8.

9. Reclaimed Material

- A. List reclaimed material. Material types include, but are not limited to, coatings, thinners, solvents, degreasers, and lacquers.

PRODUCT/MATERIAL TYPE	QUANTITY USED (gallon/yr)	QUANTITY RECLAIMED (gallon/yr)

- B. Describe the methods by which the products above are reclaimed, including, but not limited to, how they are captured and reused or returned.

NOTE: Material reclaimed will only be credited if properly documented.